



SWARC **NEWS**

Meeting Notes

K4MWG meeting to order.

N4BAJ pledge

Club Activity

President: Mike Gaither K4MWG

Vice: Brian Knox KK4BK

Secretary: Rich Hall K7RLH

Treasurer: Christy Fernandini KJ4AEO

At Large 1: Al Crawford WA4TCJ

At Large2: Charles Bruckner KG4MXV

At Large 3: Dan Gilbertson KN4PSR

Membership: David Sosin N4TTN

If you can't make it to one of our events, and need a raffle ticket (or more), email me directly with your phone number or text message me at (919)

946-6622. I can take credit cards now. They are \$5 each or four for \$20.

+mike

Understand that several individuals talked up the new club station and about the work that needed done. Even a date was set to do the work and the leaders Mike, KD4OKR MIKE, K4MWG. ALSO A WORK DATE WAS SET.

Meeting was adjourned

NET Report

Please we ask that all net reports be sent to Joe at

draftin_driver3226@yahoo.com

Joe did comment that only one or two net controls were turning in the net reports. Please send your reports to Joe.

Joe, KM4YTF is on the lookout for new net control operators. If interested please contact Joe, KM4YTF.

**South Wake Amateur Radio Club Treasurer Report
April 2019**

Club Addition and Reduction Activity

Additions

Meal	115.00	cash	collection for meal (pizza)
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Total Additions 115.00

Reductions

Meal	115.00	cash	reimbursed David Sosnin (N4TTN) for pizza
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Total Reductions 115.00

RBC Bank Account Activity

Balance as of 04/01/2019	6079.80		
Addition	115.00		
Reduction	115.00		

**Balance as of
05/06/2019** 6079.80

Christine Fernandini KJ4AEO
05/06/2019

South Wake Amateur Radio Club Treasurer Report May 2019

Club Addition and Reduction Activity

Additions

Dues	30.00	check #3444	William Rowland (N4GTI) for 2019-2020
Dues	30.00	check #3251	Dwight Cochran (K9ZLA)
Dues	30.00	check #2588	Stanley Ingram (W4SFI)
Donation	20.00	check #2588	Donation from Stanley Ingram
Dues	5.00	check #3624	Ronald Lee (associate member)
Dues	37.50	check #2339	Micheal Akers (KN4CBZ) for 2018-2019 and 2019-2020
Meal	5.00	check #2339	Meal cost for Micheal Akers
Dues	30.00	check # 5204	Ron Casey (K4JDR)

Total Additions 187.50

Reductions

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**Total
Reductions** 0.00

RBC Bank Account Activity

Balance as of 05/06/2019	6079.80		
Addition	187.50		
Reduction	0.00		

**Balance as of
06/03/2019** 6267.30

Christine Fernandini KJ4AEO
06/03/2019

MEMBERSHIP

Just a reminder that it is time to pay membership dues for the 2019-2020 time frame.

\$30 for individual and \$5 for each family member.

You can bring a check or cash to the meeting Monday July 8th or mail them to the club PO box and Christy will let me know she has received them so I can update the list. If you mail them, give me a heads up so I can mark it as pending on the roster.

Makes checks payable to South Wake ARC.

If you are going to mail it, send it to South Wake ARC – PO Box 1565 – Fuquay Varina, NC 27526

I have taken over as Membership Director from Ryan, so please direct any questions to me.

I will be developing an online form so new members can fill out the application online and mail or bring a check to a meeting.

I will be reaching out to all members here soon to make sure I have the latest contact information, addresses, etc so I can make sure the membership list reflects current information.

Thanks

**David Sosnin
N4TTN
n4ttn.radio@gmail.com**

Public Service

Check the RARS web site often for Public Service opportunities.

The July Meeting will be held on the 8th of July at the Legion Hall

This will be a pot luck dinner. So be sure to go to the web site and sign up for dinner. Give a comment about what you are bringing. The program will be DMR by Ed Fong.

KK4BK

President
Mike Gaither – K4MWG

NET MANAGER

Joe - KM4YTF

Vice President
Brian Knox – KK4BK

Special Events Director

Gino Fernandini – KI4YXO

Secretary
Rich Hall, K7RLH

Public Service Director

David Krum – NW3U

Treasurer
Christy Fernandini - KJ4AEO

Member-At-Large
Al Crawford – WA4TCJ

Member-At-Large
Charles Bruckner – KG4MXV

Member-At-Large
Dan Gilbertson

Membership Chair
David Sossin – N4TTN

SWARC Mission Statement

South Wake ARC's primary purpose is to further the Amateur Radio Service through programs, activities, and education, in order to promote the radio knowledge, fraternalism and individual operating efficiency of our members. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the Amateur Radio Service.

LINKS (if you have other links you want added then send them to me)

PRN
A Wide Area Digital Amateur Radio Network www.ncprn.net

GigaParts www.gigaparts.com

QRZ www.qrz.com

Ham Radio Outlet HRO www.hamradio.com

Raleigh Amateur Radio Society RARS

www.rars.org

Johnson Amateur Radio Society JARS

www.jars..net

South Wake Amateur Radio Club SWARC

www.southwakearc.com



Read this E-Mail to find out what is known about this radio and how to be the first to get one.

To get one, just e-mail to jerry@connectsystems.com with the subject line AT-D578UV and your name in the body of the e-mail. See the end of the e-mail for what that will do.

The information I am presenting here is either direct from AnyTone or by inferring what we think we know about this radio

AnyTone is prepared to give us prices and specifications at the end of July and to start selling them in August. They said they are still working on features so if anyone thinks they know what the radio will do is only speculating. The only ones who currently have this radio is their beta testers. They did loan one of their radios to be shown at a HAM show in Germany. They have not been given FCC approval yet so any hardware features is subject to change. The rest of this section is going to be devoted to speculation and why I believe it is true.

The radio is going to be tri-band. I believe this true for the following reasons.

1. AnyTone said their radio was going to be tri-band
2. Their AT-D878UV is capable of tri-band but was not designed for that purpose. All they need to do for a production model is have the RF power amplifier work on the third band and have the appropriate filters work on all three bands.
3. They need to be better than the Tytera 9600 or the Connect Systems CS800D if they want to be dominant in the market like they are with their dual band handheld
4. They have other multiband radios so they probably know how to technically implement it.
5. The only thing I could see against them having this tri-band capability is because they might have problems getting it FCC approved.

The features are going to be as good or better than the AT-D878UV.

1. When designing a new product it is much easier to start with an existing product and modify it rather than starting from scratch. Therefore you can expect all of the relevant features that are in their existing portable to be in their new mobile. You will also find new features because the hardware design is different.
2. The only way possible this is not true if they had a development team start developing the mobile before the portable was almost finished. This is not likely because they probably would not have developed the mobile if the portable was not successful.

The radio is going to be true dual receive.

1. The prototype that I seen about a year ago was a dual receive radio. Only one of the channels could be digital at the same time as the other but it would of been possible for both channels to be analog at the same time.
2. This is a feature that many HAMS want so they will most likely keep that feature in the final version.
3. It is unlikely that dual receive would cause problems with FCC certification.

The radio will not have a removable head but their approach might not matter.

1. In their prototype, they had all of their baseband circuitry in the head and all of the RF circuitry in the chassis. This makes it very difficult to have a removable head. However, with just a small modification to the design, it would be possible.
2. From everything I have seen so far, it looks like they are going to have a non removable front panel but with a Bluetooth extension to allow them to have a combination speaker mike with a display that could effectively be considered a remote head.
3. I am not sure if there would be any RF propagation problems if the radio is in the trunk with the Bluetooth head in the passenger compartment. You definitely could not reliably go beyond 10 meters.
4. I believe there are two negative things with this approach. The first is the size of the microphone might be too large to be comfortable because of the display and the second is the need to recharge the microphone.
5. It should be noted that Hytera already has a radio using similar approach and I have not heard anything negative about their radio.

One of our competitors thinks the price is going to be \$350. This is probably based on my speculation because they advertised their radio in Alibaba to see if there would be any takers at this price. However, the final price is going to be based on competition and what they think their radio is worth.

1. AnyTone has not been shy about raising their price above their competitors because they think their radio is better than everybody

else.

2. Their only true competitor at this time is the Connect Systems CS-800D. When the FCC part 90 version is released, it will sell for \$399. I would expect the AnyTone to be priced between \$350 - \$450 because of that.

Getting your own AT-D578UV DMR Mobile

To get one, just e-mail to jerry@connectsystems.com with the subject line AT-D578UV and your name in the body of the e-mail.

We will keep track of the order we receive them and use that to determine the order we will sell them. When the time is getting closer to actually getting the radio, I will then ask you to give us a deposit for the radio. If we don't get the deposit, then you will loose your place in line.

We do not actually know how much it will cost us or how much we will actually sell it for. The only thing I can say is we will sell it at the lowest price AnyTone will allow us and we will meet any other deals our competitors might give. Of course you get the best customer service of any of the sellers out there.

We will not ask for the deposit until we know how much the radio will cost you. You can get your deposit back anytime before the radio is shipped.

13 Colonies Special Event to Mark 11th Anniversary this Year

13 Colonies Special Event to Mark 11th Anniversary this Year

06/26/2019 The annual Original 13 Colonies Special Event will mark its 11th anniversary this year. The event gets under way on July 1 at 1300 UTC and runs through July 7 at 0400 UTC. Special event stations with 1 × 1 call signs will represent the original 13 US colonies, plus bonus stations K2Z, WM3PEN in Philadelphia and GB13COL in Durham, England. Each special event station will have its own QRZ.com profile page.

Participating stations try to contact all 13 Colony Stations plus the two bonus stations. Call signs and their respective states are K2A, New York; K2B, Virginia; K2C, Rhode Island; K2D, Connecticut; K2E, Delaware; K2F, Maryland; K2G, Georgia; K2H, Massachusetts; K2I, New Jersey; K2J, North Carolina; K2K, New Hampshire; K2L, South Carolina, and K2M, Pennsylvania. Additional information is on the 13 Colonies website. Historic Amateur Radio Contact